

What is claimed is;

1. A magnetic transfer system comprising

a magnetic recording medium holding means which holds
a plurality of magnetic recording media,

5 a magnetic transfer means which magnetically transfers
information represented by a magnetic layer on a master
information carrier to the magnetic recording medium by
applying a transfer magnetic field to the magnetic recording
medium and the master information carrier with the magnetic
10 recording medium and the master information carrier held in
close contact with each other, and

a magnetic recording medium conveyor means which conveys
the magnetic recording medium between the magnetic recording
medium holding means and the magnetic transfer means, wherein
15 the improvement comprises that

the magnetic recording medium holding means, the
magnetic transfer means and the magnetic recording medium
conveyor means are formed of material which contains
substantially no chlorine, sulfur compound or nitric oxide at
20 least at parts which are brought into contact with the magnetic
recording medium.

2. A magnetic transfer system as defined in Claim 1 which
further comprises a master information carrier holding means
which holds the master information carrier, and

25 a master information carrier conveyor means which
conveys the master information carrier between the master

information carrier holding means and the magnetic transfer means, and in which

the master information carrier holding means, the magnetic transfer means and the master information carrier conveyor means are formed of material which contains substantially no chlorine, sulfur compound and nitric oxide at least at parts which are brought into contact with the master information carrier.

3. A magnetic transfer system as defined in Claim 2 in which the base material of the parts which are brought into contact with the magnetic recording medium of the magnetic recording medium holding means, the magnetic transfer means and the magnetic recording medium conveyor means and of the parts which are brought into contact with the master information carrier of the master information carrier holding means, the magnetic transfer means and the master information carrier conveyor means is selected from the group consisting of polyimide, polyacetal, polyether kethone, polyimidoamide, polyether imide, polypropylene, tetrafluoroethylene resin, perfluorethylene-propylene and perfluoroalkoxyalkane.

4. A magnetic transfer system as defined in Claim 2 in which the parts which are brought into direct contact with the magnetic recording medium of the magnetic recording medium holding means, the magnetic transfer means and the magnetic recording medium conveyor means and of the parts which are brought into direct contact with the master information

carrier of the master information carrier holding means, the magnetic transfer means and the master information carrier conveyor means are coated with film of a material which contains substantially no chlorine, sulfur compound and nitric oxide.

5 5. A magnetic transfer system as defined in Claim 4 in which the film is formed of a solid material having lubricating properties such as sputtering carbon, diamond-like carbon, molybdenum disulfide, or titanium nitride.

10 6. A magnetic transfer system as defined in Claim 4 in which the film is not smaller than 5nm and smaller than 1 μ m in thickness.

15 7. A magnetic transfer system as defined in Claim 4 in which the coating material is in close contact with the base material by way of an adherent layer of Si, Ti, Al or the like on the surface of the base material.

 8. A magnetic transfer system as defined in Claim 1 in which a patterned master is employed as the master information carrier.